


MEMORANDUM

State of Alaska


Department of Transportation & Public Facilities
Division of Statewide Planning


TO: Michael Barton
Commissioner

DATE: June 18, 2003

THROUGH: John MacKinnon 
Deputy Commissioner,
Highways and Public
Facilities

TELEPHONE NO: 465-4070
Fax Number: 465-6984

FROM: Jeff Ottesen 
Acting Director

SUBJECT: 2003 AMATS
TIP Technical
Amendment #7
STIP Technical Amendment
#24 

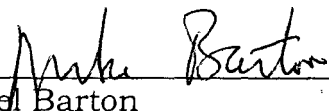
The adjusted 2003 year of the Anchorage Metropolitan Area Transportation System (AMATS) Transportation Improvement Program (TIP) is attached for your approval. Normally we would not require approval for a technical amendment of the STIP or TIP as it is simply adjusting for projects that are already in the program. However, Federal Highway Administration has requested that the State approve this technical amendment.

AMATS has determined that the TIP conforms with the federal Clean Air Act as amended in 1990. This TIP adjustment did not trigger a new Air Quality Conformity Determination. The TIP remains in compliance with the Air Quality Conformity Determination approved on December 19, 2000. Projects may proceed upon your approval of the TIP.

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have jointly certified that the Anchorage Metropolitan Area Transportation Study (AMATS) planning process meets the requirements of 23 CFR 450.334 and 23 USC Section 134 for metropolitan planning. The AMATS policy committee has been approved the AMATS 2002 self-certification.

June 18, 2003

Your approval of adjustments to the 2003 year only of the AMATS TIP is recommended. The amounts in 2004 and beyond are not applicable and are not part of this approval.

Approved 
Michael Barton
Commissioner

Attached: 2001 – 2003 AMATS TIP Technical Amendment #7

CC: David Miller, Division Administrator, FHWA w/attachment
Richard Krochalis, Regional Administrator, FTA w/attachment
James Armstrong, MOA Planning, w/o attachment
David Post, DOT/PF Area Planner, w/o attachment

MEMORANDUM

STATE OF ALASKA

Department of Transportation and Public Facilities
Central Region

TO: Mike Barton
Commissioner

DATE: June 13, 2003

FAX NO.: 269-052 1

PHONE NO.: 269-0522

FROM: David R. Eberle
@Regional Director
Central Region



SUBJECT: AMATS TIP Amendment #7

Please incorporate Amendment #7 to the Anchorage Metropolitan Area Transportation Solutions (AMATS) FY'01-03 Transportation Improvement Program (TIP) into the FY'03 Statewide Transportation Improvement Program (STIP). This is a minor amendment, which requires only the AMATS Technical Advisory Committee (TAC) approval. AMATS TAC approved this amendment on February 14, 2003. A copy of the meeting minutes is attached.

The AMATS TIP Amendment #7 was developed in conformance with all applicable federal requirements. This TIP amendment did not trigger the need for a new air quality conformity determination.

Please let me know if you have questions. Thank you.

Attachments

SC/lm

ANCHORAGE METROPOLITAN AREA TRANSPORTATION
TECHNICAL ADVISORY COMMITTEE
Mayor's Conference Room
8th Floor
City Hall
632 West Sixth Avenue, Anchorage, Alaska

February 14, 2003
1:00 PM

Those in attendance were:

NAME	REPRESENTING
** Jennifer Wilson	Alaska Department of Transportation and Public Facilities
Katrina Moss	ADOT/PF
** Cindy Heil	Alaska Department of Environmental Conservation
Mary Parker	ADEC
** Sue Fison	MOA/Planning Department
** Howard Holtan	MOA/Municipal Engineer
** Lance Wilber	MOA/Traffic Department
James Armstrong	MOA/TD
Jon Spring	MOA/TD
** Tom Wilson	MOA/Public Transportation Dept.
Jody Karcz	MOA/PTD
** Bruce Carr	Alaska Railroad Corporation
Betty Evans	Huffman/O'Malley Community Council
Dee Essert	Sand Lake Community Council
John Pletcher	Self

* AMATS Policy Committee members

** AMATS Technical Advisory Committee members

A worksession was held from 1:00 PM to 2:30 PM.

1. CALL TO ORDER

CHAIR WILBER called the meeting to order at 2:30 PM. This meeting was a continuation of the January 23, 2003 meeting. Steve Horn, Dr. Lura Morgan, Frank Dillon and Cheryl Coppe were absent from the meeting. Jennifer Wilson served on behalf of John Tolley. Sue Fison arrived at 1:25 PM.

2. PUBLIC INVOLVEMENT ANNOUNCEMENT

CHAIR WILBER encouraged public involvement in this meeting of the AMATS Technical Advisory Committee (TAC). He explained that Staff would first make their presentation, followed by any comments from TAC members, and the floor would then be open to public comment.

3. APPROVAL OF REVISED AGENDA

CHAIR WILBER reviewed the agenda of today's business. There were no changes or objections to the agenda.

4. WORKSESSION

CHAIR WILBER indicated that the TAC held a worksession beginning at 1:00 PM and had reviewed the 2004-06 Transportation Improvement Program (TIP) and proposed amendments to the 2003 TIP. The TAC members reviewed the tables and made comments and suggestions for the entire Program.

5. APPROVAL OF MINUTES ~ None

6. BUSINESS ITEMS

- a. Minor Amendment #7 to the 2001-2003 TIP and Release of the 2004-2006 TIP

CHAIR WILBER stated that a motion to release the 2004-06 Transportation Improvement Program for a 30-day public comment review is on the floor, having been continued from the February 10, 2003 meeting.

MR. ARMSTRONG explained that a worksession was held on February 10, 2003 covering what is in the Draft 2004-06 TIP, including more information, more accurate figures, and more information on the pre-draft STIP Amendment #17. That information was incorporated into the February 13, 2003 memorandum to the TAC. The preliminary estimates show the 2003 TIP is \$4.9 million over budget. In order to do a balanced 2004-06 TIP release, he felt it was necessary to balance the 2003 TIP, especially since \$9 million in advance construct is being borrowed from 2004 on three projects. The decrement of \$10 million for 2003 funding "C" Street Phase III is dealt

with by GARVEE bond funding in Table 8. MR. ARMSTRONG noted that the \$970,000 increment is a supplement to Table 3a, the Road Transfer Program. He indicated he would brief the Mayor following this TAC meeting and both Assembly members who serve on the Policy Committee would be provided with the new tables.

MR. ARMSTRONG reviewed the schedule for the 2004-06 TIP approval. The Planning and Zoning Commission will hear this item in late February, and the TAC will release the draft Air Quality Conformity for 30- day public review on February 27th. He noted that the 2004-06 TIP tables include no funding for the South Coastal Trail. A special TAC meeting to adopt the 2004-06 TIP is tentatively scheduled for March 12th; the Policy Committee approval of the 2004 program for capital budget consideration would be March 13th. The TAC approval of the Air Quality Conformity would be March 27th, and the Policy Committee approval of the 2004-06 TIP and the with the Air Quality Conformity would be April 10th.

CINDY HEIL noted that Mr. Spring has begun working on the Air Quality Conformity and he is attempting to schedule an inter-agency meeting to discuss how to deal with Table 8. In reviewing the regulations, he discovered that all projects must have a scope in order to meet Conformity requirements. The projects in the TIP do not have scope descriptions. She stated the tables could be re-released with the specifics required for Conformity purposes when the Conformity is done. She noted that developing scopes for all the projects in the 2004-06 TIP could not be accomplished prior to releasing the 2004-06 TIP. She further noted that there is no scope for the Knik Arm Crossing project.

MR. WILBER believed the projects do have scope descriptions. The project descriptions have not changed from the 2001 to the 2006 Program. The projects and cost estimates are based on recommendations in the Long-Range Transportation Plan (LRTP). He suggested that there could be a cover memorandum with the released document to indicate that scopes are to be consistent with the LRTP. He stated he does not want it to be misconstrued that projects, such as Dowling Road, do not have a scope. MS. HEIL felt that the air quality assumptions that were a part of the Conformity should be

included in the TIP tables. She did not want the release of the 2004-06 TIP to be delayed.

MR. SPRING noted that the old TIP documents contained the tables and some of the project descriptions. Those TIPs were probably not problematic in terms of scope. He felt it would be preferable to have the scope included in the tables for purposes of providing the information that was used as a basis for the Conformity.

MR. CARR asked how Knik Arm Crossing would be advanced in the 2004-06 TIP when it is not in the LRTP. MR. WILBER was uncertain at this time, noting that there should be discussions with FHWA regarding the purpose of the TIP and the Conformity. MS. HEIL thought the LRTP would be updated in terms of the emissions budget in conjunction with the TIP.

MS. WILSON explained that ADOT/PF became aware today of an item that requires TAC approval because it hits a trigger for a minor amendment to the TIP. She explained the low bid for the design phase for "C" Street III, Dimond to O'Malley, is \$500,000 more than what was programmed. She suggested that P/E funds for two of the Road Transfer Program projects (Table 3, Project 15) could be deferred, given that the STIP shows funding only for 2003 and 2004, leaving that project not fully funded. She explained this additional funding is needed for "C" Street Phase III (Table 3, Project 2) in order to continue acquiring right-of-way.

MR. ARMSTRONG stated that Project Management and Engineering staff have informed him that, of all the things they submitted, they would like to keep 72nd Avenue, Johns Road and 80th Avenue on track. Instead of Ms. Wilson's suggestion he proposed that "C" Street III (Table 3, Project 2) be increased in 2003 from \$500,000 to \$1 million, reduce Huffman Road Intersection Improvements (Table 3, Project 26) by \$500,000 in 2003 to \$1,802,000 and increased in 2004 to \$1,195,000, reduce the P/E funding for Ingra/Gambell (Table 3, Project b) and Hiland (Table 3, Project f) to \$550,000 in 2004 to balance that year.

MS. WILSON asked whether there is need to take action on the 2003 TIP independent of releasing the STIP. CHAIR WILBER replied that two actions

would be required: amending the 2003 TIP and releasing the 2004-06 TIP.
The changes would include:

1. Amend Table 3, Project 2 to be \$1 million and add a design phase.
2. Amend Table 3, Project "b" and Project "f" so both read \$550,000
3. Amend Table 3, Project 26 be \$1,802,000 in 2003 and \$1,195,000 in 2004.

SUSAN FISON arrived at 1:25 PM.

JOHN PLETCHER requested that the South Coastal Trail be re-evaluated and re-ranked.

DEE ESSERT stated she believes, having driven over Project "e" of Table 3, Dimond Boulevard from Jodphur to Sand Lake Road, that funding for that project should be accelerated from its current position in 2008.

DAVE NORTON asked that the priority of the South Coastal Trail be maintained and that it retain the existing location in the 2004-06 TIP.

MR. PLETCHER stated he has left a petition signed by 851 persons opposing the South Coastal Trail and asking for it to be removed from the 2004-06 TIP. He stated he also delivered another approximately 100 names on a petition to Mr. Armstrong.

There being no objection, the motion to release the Draft 2004-06 TIP, as amended, was released for a 30-day public comment period.

It was clarified that the changes to the 2004-06 TIP would not be available on the website until February 18, 2003.

CHAIR WILBER noted there is a proposed amendment to the 2003 TIP to add \$500,000 to the "C" Street Phase III project.

CINDY HEIL moved to approve an increase of \$500,000 for "C" Street Phase III.

HOWARD HOLTAN seconded.

MR. PLETCHER thanked Mr. Wilber for helping the public with input on the South Coastal Trail.



There being no objection, the 03 TIP was amended.

B. Release of CMAQ Project Priority List and CMAQ Ranking Criteria

MR. WILBER explained these criteria have been used for Table 5.

CINDY HEIL clarified that the TAC took action at its February 10, 2003 meeting to release the CMAQ priority project list and the CMAQ ranking criteria for a 30-day public review when the 2004-06 TIP is released and that action as taken today.

7. INFORMATIONAL REPORTS

MR. ARMSTRONG indicated a response had been received from the Federal Highway Administration regarding the Policy Committee letter on advance right-of-way acquisition. He stated he would be meeting with Tim Haugh with FHWA in Juneau next week. This can be discussed at the next TAC meeting.

MR. ARMSTRONG stated that he and Ms. Heil have been working on legislation related to the I/M program. That legislation has been introduced. He thought it would be nice for the Policy Committee to issue a formal letter of endorsement for this legislation, HB81, which was introduced by Representative Kevin Meyer. MS. HEIL described this legislation as housekeeping in nature. She explained there have been some issues in the I/M Evader Program that have made enforcement difficult. This legislation would ensure that the I/M stickers in the windows of vehicles have the correct date; there are clarifiers in the legislation; and it helps with removing an adverse impact to the motoring public that is not necessary, specifically, requiring that someone who purchases a vehicle older than 1987 get an I/M test each year rather than ever two years like everyone else. There are also problems with people falsely registering their vehicles outside of the

Draft Table 3. ROADWAY IMPROVEMENTS
AMATS FFY 2004-2006 DRAFT TIP (January 2003)

	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)
			2003
18	Spenard Road Rehabilitation [Hillcrest Drive to the Minnesota Drive On-ramp] - Project will rehabilitate Spenard Road, and includes pedestrian facilities. Recommend combining this project with 7a and 7b above for economy of design and public involvement.	2004 - ROW 2005 - Util/Con	\$0
19	Huffman Road Reconstruction [Old Seward Highway to Lake Otis Parkway] - Reconstruct & widen, as required, to meet future traffic demand. Provide missing links in pedestrian facilities, lighting, intersection improvements, and minimal landscaping.	2003 - D 2004 - ROW 2007 - Util/Con	\$500
20	Dimond Boulevard Rehabilitation [Jewel Lake Road to Seward Highway] - '02 funding contained in Table 3c for scheduled construction this summer.	Moved to Table 3c	\$0
21	Eagle River Road Rehabilitation [MP 5.3 to MP 12.6] - Upgrade the road with widened shoulders for pedestrians, improved visibility, and repavement. No landscaping improvements recommended. (Project to include parking improvements at Eagle River Nature Center. Not eligible.)	2003 - D 2004 - ROW 2005 - Util/Con	\$500
22	Abbott Road Reconstruction [Lake Otis Parkway to Birch Road] - Improvements are not specific at this time, but could range from an improved 2-lane to 4-lane roadway, depending on long-term traffic need. Will include intersection and pedestrian improvements. Landscaping @ 5% of Construction = to be determined.	2004 - D 2005 - ROW 2006+ - Util/Con	\$0
23	'A/C' Couplet Pavement Rehabilitation [6th Avenue to 40th Avenue] - Project rehabilitates pavement surfaces; some minor base work is expected. Project does not include landscaping or other streetscape improvements.	Moves to table 3c	\$0
24	Boniface Parkway Rehabilitation [DeBarr Road to Tudor Road] - Resurface, restore, rehabilitate roadway, and includes evaluation of foundation/base stabilization, safety, drainage, landscaping and trails.	Moves to table 3c	\$0
25	Whitney Road Reconstruction [North 'C' Street to Post Road] - Project to upgrade road to urban industrial standards. Improvements include curbs, lighting, pedestrian facilities, and some landscaping.	2004 - PE 2005 - D 2007+ - ROW/Util/Con	\$0
26	Huffman Road Intersection Improvements [at Elmore, Lorraine and Pintail] - Project will reconstruct three intersections along Huffman Road to current standards, providing turning opportunities and sight distance improvements. (** At this time, the project is being reviewed by MOA Depts of Public Works and Planning in an effort to expedite completion of the Elmore/ Huffman Rd intersection improvement with the Elmore Road improvements, utilizing other funding sources.) (Advise Construct)	2003 - Util/Con	\$1,802
27	Anchorage Areawide Railroad Grade Separations - Study to review/analyze potential grade separations and recommend a program for improvements.	2004 - Study	\$0
28	Lake Otis Parkway Reconstruction [Northern Lights Blvd. - DeBarr Road] - Project involves reconstruction of the existing alignment to increase capacity and to improving pavement condition and pedestrian facilities.	2004 - PE 2005 - D 2007- ROW 2009- Util/Con	\$0

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**Draft Table 4. TRANSPORTATION ENHANCEMENTS
AMATS FFY 2004-2006 TIP (January 2003)**

Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)
			2003
1	Pedestrian Safety and Accessibility Improvements - Construct ramps, walkways, and curbs for pedestrians at various locations, to be determined. Includes ADA compliance improvements.	2001 - 2006 D/ROW/Util/C	\$1,466
2	Ship Creek Trail Phases I, II, III, IV & V - Project will extend the Coastal Trail 4 miles, from current terminus at 2nd Avenue via Ship Creek to Glenn Hwy & connection to Government Hill. Future construction segments to be finalized following completion of design. Phase V will provide trail access across Ship Creek via a new bridge, and cross the ARRC tracks to provide a connection to Government Hill.	2003 - D/Util/Con 2004 - Util/Con 2005 - Util/C 2006 - Util/Con	\$3,916
3	Coastal Trail (Southern Extension) - This project will extend the existing Coastal Trail south from Kincaid Park to Potter Marsh. (trail route to be selected). Future funds are shown as rough estimate planning placeholders; actual cost to be determined, based on route. Project anticipated to be designed and constructed in phases.	2003 - PE/D 2004-05 - ROW? 2007+ - Util/C	\$700
4	Campbell Creek Trail Connection [Seward Highway to Tudor Road Crossing] - Project extends the existing Campbell Creek trail approximately 2.5 miles, and completes a key missing segment on the Anchorage trails network. Project does not include grade separations at Seward Highway or trail connection between Old Seward and New Seward Hwys. The grade separation will be included in the NHS Seward Hwy at International Airport Road grade separation project.	2003 - PE/Con	\$448
5	Chester Creek Trail Connection [Tudor Road Crossing to Goose Lake] - Project provides a connection from the Tudor Crossing to east of University Lake, minimizing impacts to neighborhoods and APU. Project also includes a multi-use paved trail connecting UAA student housing with main campus on Providence Drive.	2004 - PE/D/ROW/Util 2005 - Util/Con	\$0
6	Midtown Trail - Improve trail connection from Downtown to Midtown area along 'A/C' Couplet. Focus is likely from Fireweed Lane to Tudor Road along the 'A' St corridor. Road intersection improvements are likely, but no grade separations are proposed.	2003-04- D/ROW 2006 - Util/C	\$50
7	5th & 6th Avenues Pedestrian Safety and Landscaping Improvements [C Street to Gambell Street] - Project to include an assessment of streetscape issues, street lighting and decorative improvements along the corridor. No additional ROW is programmed.	2005 - PE 2007 - Util/C	\$0
8	Anchorage Area-wide Trails Rehabilitation - Project will analyze existing pathways for rehabilitation needs community-wide and promote specific projects to rehabilitate those existing pathways. The scope is primarily expected to include pavement replacement. Project to complement existing MOA/CLP program.	2004-06 PE/D/Util/C	\$0
9	Eagle River Greenbelt Access and Pathway - Construct 12 miles of new trail in the Eagle River Greenbelt, connecting the Briggs Bridge with the Visitor Center. Many new trails will be built and interpretive displays on the trails and at the trailheads.	2004 - PE 2006 - ROW 2007- Construct	\$0
10	Glenn Highway Trail Rehabilitation [Muldoon Road to North Birchwood Loop] - Project to resurface existing trail, formalize a parking facility near the weight station and to construct a memorial pull-out.	2005 - Util/C	\$0
12	Muldoon Road Landscaping and Pedestrian Improvements [Regal Mountain to Bartlett Dr] - This funding will construct additional pedestrian amenities and minimal landscaping for the remainder of the corridor.	2003 - D/Util/C 2004 - Util/C	\$2,385

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**Draft Table 4. TRANSPORTATION ENHANCEMENTS
AMATS FFY 2004-2006 TIP (January 2003)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)
			1001 - 09/01 2003
13	Glenn Highway Trailhead Improvements [at Thunderbird Falls, Peters Creek, and South Fork of Eagle River] - Construct/improve existing trailheads with pedestrian and ADA (barrier-free) access routes near the trailhead parking areas.	2006 - PE/D 2007+ - ROW/Util/C	\$0
14	Campbell Tract Trail and Trailhead Improvements - Enhance trailheads and parking, as well as remove ADA impediments, provide interpretive displays. (Parking lot known as the Buckner Trailhead Parking Area). Project provides an increase of 17 parking spots, for a total of 25; will provide for one entrance road instead of two, will improve layout, and will re-vegetate the area.	2006 - PE/D 2007-08 - Util/C	\$0
15	Anchorage Area-wide Sidewalks/Access to Schools - Analyze access to schools community-wide, and promote specific projects to provide pedestrian connections where none currently exist and where other funding sources are not available.	2006 - Study	\$0
16	Dimond Boulevard Pedestrian and Landscaping Improvements [Jewel Lake Road to Old Seward Highway] - Project provides landscaping and pedestrian enhancements.	2005 - PE/D/ROW/Util 2006 - Util/C	\$0
17	Potter Marsh Trailhead and Access Improvements - Will enhance parking lot, provide some new boardwalk connections at Potter Marsh Critical Habitat Area, and connect the Bird Treatment Learning Center on the Old Seward Hwy to the existing boardwalk. PE and design funded in previous program. Project recommended to be completed in phases due to substantial increase in construction cost estimates.	2003 - D 2004 - Util/C 2006+ - Util/C	\$50
Proposed	Coastal Trail to Northern Lights at Fish Creek - This project will provide a connection from the existing Coastal Trail to Northern Lights Boulevard. Trail connections are shown on the Area-wide Trails Plan along the ARR right of way or along the Fish Creek Estuary. Project could examine both options and construct the best connection for this one mile link.	2006 - PE/Design 2007+ - Util/C	\$0
Proposed	Javier de la Vega Park to Campbell Trail - This project will provide a trail connection from Javier de la Vega Park through Connors Bog and connect to the existing Campbell Creek Greenbelt Trail at Minnesota and Dimond.	2006 - PE/D 2007+ - Util/C	\$0
Proposed	Campbell Creek Trail Grade Separation [Lake Otis Parkway] - Project provides for a grade separated crossing at Lake Otis Parkway near Campbell Creek. PE funding was added in 2003 to examine a proposed route.	2003-PE 2005-08 D/ ROW/Con?	\$0
Proposed	South Anchorage Sports Park to Campbell Trail - This project and C Street Phase III pedestrian improvements are both contained in the Area-wide Trails Plan.	2006 - PE/D? 2007+ - Util/C	\$0
	The contingency list of projects for each year will consist of the following year's projects	ANNUAL TOTALS	\$9,015
	ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of November 2002] = approx. \$56.2m in 2004, \$57.7m in 2005, and \$59.3m in 2006.		\$46,449
	Approx. Percentage (%) for Transportation Enhancement Improvements is 15%,)		19%
	Estimated % of total funds for trail type improvements		10%
	Estimated % of total funds for roadway type enhancements		8%
	Amount under / (over) projected funding level		\$37,434

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**Draft Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2004-2006 TIP (January 2003)**

Rank	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR (\$,000)	
			2003	2004-2006
9	Private Sector Block Heater Program - Develop a block heater program in which the use of block heaters and electrical outlets are increased. The purpose of this program is to reduce cold start emissions from commuters.	2003 - 2004 Design Implement	\$500	
10	Transit Fleet Expansion/Replacement - This project adds three buses annually for expansion of the People Mover system, and replacement of transit buses. Buses have a 12-year useful life cycle. Funding in 2004 starts the two-year procurement process for replacement buses that will be put into service in 2007.	2004 - 2006 Fleet Expansion	\$0	
New 11	Repair Effectiveness Improvement Program - Program to improve repair effectiveness, especially on newer model year vehicles. Project will include design, implementation/training, and initial advertising of repair shops (both certified IM facilities and non-certified IM facilities) that employ advanced-trained mechanics. Repair shops will be identified to motorists as the best capable for repairing computerized vehicles (1996 and newer). Year one: design, year two: conduct training, year three or when training completed: begin advertising and program monitoring.	2004 - 2005 Design Implementation	\$0	
New 12	Sticker Application Program - Program to address the large number of in-use vehicles currently without I/M program windshield stickers, and provide a system where future new vehicles receive a sticker before it is sold. Two primary groups of vehicles do not have stickers, new vehicles that do not yet need to be inspected, and older Diesel vehicles previously inspected by the I/M office and issued an I/M exemption.	2004 - Design	\$0	
13	Oxygen Sensor Replacement Program - First-year design money to be used to verify strategy & set-up program. Project to enhance benefits of I/M program to increase effectiveness.	2005 - Implement	\$0	
Id	Youth Employment Program for Transit Stop and Trail Accessibility - This program hires young people (16-21 years old) to improve the safety, usability, and appearance of bus stops. Typical activities include minor construction projects, installation of transit furnishing, clearing and grubbing of landscaping, watering, planting, and snow and ice removal. Youth receiving valuable training in the use of construction equipment to include: snow throwers, weed-wackers, compactors, concrete drills, brick saws, and jack hammers; they learn construction methods, safety, and utility locates prior to construction; landscaping planting and maintenance methods, etc.	2003 - 2009 Implementation	\$14	
New 15	OBD-IM Performance Tracking Program - Program to set up system to track performance of the On-Board Diagnostic (OBD) IM program. Pre-1996 vehicle emissions are recorded at the time of IM testing. For OBD vehicles (1996 and newer) the vehicle's computer determines pass/fail. This program would allow periodic tests of failing OBD vehicles (e.g., if the vehicle fails the OBD test, its emissions will be tested before the test is concluded and the vehicle is repaired). It will then be tested after repairs are completed to assist in program performance tracking. Results of the testing can then be used to design program modifications when warranted. Data will also allow verification of modeling efforts and planning documents.	2006 - Design	\$	

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**Draft Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2004-2006 TIP (January 2003)**

Jan/03 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR - (\$,000)	
			(001-00)	(002-00)
			2003	
New 16	Plug-in Installation at Public Facilities -This program would provide funding for the installation of electrical receptacles at federal, state and local public facilities for employees, students and others that park for extended periods or time and create "cold starts." Funding criteria will be established to assure that only the most cost-effective projects receive funding.	2006 - Design 2007 - Implementation	\$0	
17	Anchorage School District Compressed Natural Gas Buses - This project is contingent on the success of the CNG pilot program funded in FFY2000 for ASD. Project would provide funding for purchase of 5 dedicated CNG buses in 2006 and 5 more in 2007. Ten buses would be acquired in these years.	2006 - 2007 Purchase	\$0	
18	Anchorage School District (ASD) Indoor Bus Storage - This project provides for the design and construction of a heated indoor storage barn for the ASD bus fleet to minimize diesel cold starts, increase winter warm up time for student comfort and safety. Location to be determined. Project construction to be 50% funded by ASD.	2005 PE/D 2006 - Construct	\$0	
Projects with 2003 as last year of funding				
	I/M Evader Sticker Program - Provide additional investigative staff to improve enforcement of I/M Program requirements. Provide repair assistance to ensure failing vehicles, identified through the enforcement efforts, are repaired for those vehicle owners with economic hardships. Last year of funding in 2003.	2001-2003 Implementation	\$745	
	Automated Operating System [People Mover] - Project automates the operation of the fixed route buses including vehicle location, operating characteristics, customer real-time information, passenger counting equipment & improved management reporting capability. Last year of funding in 2003.	2003 - Implement	\$2,520	
	PM-10 (dust) Control Program - Last year of funding in 2003.	2001-2003 Implementation	\$110	
	UAA/Providence Transit Center - See New Project #5	2003 - PE/D/ROW/C	\$1,155	
	New Eastside Area Anchorage Transit Center - See New Project #5	2004 - C	\$0	
	The contingency list of projected for each year will consist of the following year's projects.	ANNUAL TOTALS	\$7,770	
	ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of November 2002] = approx. \$56.2m in 2004, \$57.7m in 2005, and \$59.3m in 2006.		\$46,449	
	Amount under / (over) projected total CMAQ allocation level		\$38,679	
	Approximate Percent (%) for Congestion Mitigation & Air Quality, FFY2001 = SSN			
	Approximate Percent (%) for Congestion Mitigation/Air Quality, FFY2002-2006 = \$3M annually)		17%	

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**Draft Table 6. NATIONAL HIGHWAY SYSTEM
AMATS FFY 2004-2006 TIP (January 2003)**

	PROJECT LOCATION	PROJECT PHASING PLAN	FEDE	FISCAL PROGRAMMING YEAR (\$,000)
			2003	
1	Glenn Highway Reconstruction [Gambell Street to McCarrey Street] - Reconstruct as recommended in the 1997 AMATS Long-Range Transportation Plan for the Anchorage Bowl, to meet long-term capacity needs.	2003-04 - B 2005 - ROW 2007 - Util/C 2008 - E	\$2,200	
2	Glenn Highway Surface Rehabilitation [McCarrey Street to South Birchwood Interchange (MP 2 - 17)] - Rehabilitate surface.		\$0	
3	Glenn Highway Surface Rehabilitation [South Birchwood Interchange to Eklutna Exit (MP 17 - 26)] - Surface Rehabilitation. May include minor improvements at the Eklutna Overpass to reduce strikes by overheight vehicles. Includes design of pavement rehab from Airport Heights Rd to South Birchwood I/C.		\$0	
4	International Airport Road at New Seward Highway Grade Separation - Construct a grade-separated intersection on the New Seward Hwy at International Airport Rd, including trails and landscaping.	2004 - PE/Design 2005 - ROW 2006 - Util/Const	\$0	
5	International Airport Road Interchanges & Railroad Grade Separations [at Jewel Lake Road & Internat'l Airport Road and at Postmark Drive & Internat'l Airport Road] - Construct interchange at Jewel Lake/ Spenard Road and Internat'l Airport Road. Will also grade-separate railroad crossings for Internat'l Airport and Spenard Roads, improving safety and capacity. Trails, landscaping included. Project reevaluates environmental document & designs the I/C at Postmark Dr.	2006 - D 2006+ - D/ROW/Util/C	\$0	
6	Muldoon Road Surface Rehabilitation [36th Avenue to Glenn Highway] - Rehabilitate pavement.		\$0	
7	O'Malley Road/'C' Street Interchange [Develop interchange on O'Malley Road at 'C' Street] - The current 'C' Street Extension project is preparing the environmental document and design for the 'C' Street and O'Malley Road interchange.	2005 - Util/Const	\$0	
8	O'Malley Road Interchanges at Old and New Seward Highways - Develop directional interchange at New Seward Highway. Project will elevate Old Seward Highway over O'Malley Road.	2006 - Design 2006+ - Util/C	\$0	
9	Seward Highway Surface Rehabilitation [Potter Section House to Huffman Road (MP 115.7 to 119.2)] - Pavement rehabilitation on 3.5 miles section of the Seward Highway.		\$0	
10	New Seward Highway [Rabbit Creek to 36th Avenue] - Analyze and identify needed transportation improvements in the Seward Highway Corridor, between Rabbit Creek and 36th Avenue. Improvements to be considered may include: widening from four to six lanes; modify existing interchanges; grade separation at 36th Ave; rehabilitate existing frontage roads on east/west sides of New Seward Hwy from Tudor to O'Malley; and construct a new western frontage road between Dimond and O'Malley, including bike lane and drainage improvements; overcrossings at 68th, 76th and 92nd Ave.; extension and upgrade of 92nd to minor arterial standards; construct frontage roads along New Seward Hwy; and pedestrian & bike facilities.	2004 - B 2005 - ROW 2006+ - Util/Const	\$0	

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DraftTable 6. NATIONAL HIGHWAY SYSTEM
AMATS FFY 2004-2006 TIP (January 2003)

	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)	
			2003	2004
1	New Seward Highway Improvements [36th Avenue to 20th Avenue] - Identify needed transportation improvements consistent with the AMATS Anchorage Bowl Long-Range Transportation Plan, and prepare the appropriate environmental document for those improvements.	2004 - E 2004 - E 2006 - E 2000+ - ROW/Util/C	\$0	
12	NHS Intersection Improvements - Design and construct improvements to enhance traffic flow on the Glenn Highway, from Airport Heights Road to McCarrey Street; on Tudor Road at Old Seward Highway and Bragaw Street; and on Minnesota and Northern Lights Boulevard. Includes replacing the pavement on the Glenn Highway between Gambell and McCarrey Streets.	2004- Util/Const	\$7,050	
13	Tudor Road Surface Rehabilitation [Minnesota Drive to 36th Avenue] - Rehabilitate 6.4 miles of pavement.		\$0	
14	NHS Arterial Rut Repair / Pavement Rehabilitation - Project works in conjunction with the Pavement Management System and the Maintenance & Operations pavement projects to maximize efficiency and speed of response to pavement needs in Anchorage.	2003-06 - D/Util/C 2006+ - Const	\$9,810	
15	New Seward Highway [Potter to Rabbit Creek Road] -	2004-2005 - PE/D 2006 - Util/C	\$0	
	The contingency list or projected for each year will consist of the following year's projects. (Note: Table is not shown in priority order. These projects have not been ranked).	ANNUAL TOTALS	\$19,060	

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**Draft Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2004-2006 TIP (January 2003)**

	PROJECT LOCATION	PROJECT PHASING P I A N	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)	
				1001 - 0903 2003
	Municipality of Anchorage - FTA Section 5307 Funds			
	1 % Transit Enhancement - TEA-21 establishes a minimum annual expenditure requirement of one percent for transit projects and eligible enhancements [historic preservation of mass transportation facilities; bus shelters, landscaping and other scenic beautification, transit furnishings, public art, pedestrian access and walkways, bicycle access and bike storage, transit connections to parks, signage, and enhanced access for persons with disabilities to mass transportation].	2003 - 2009 Implementation	NA	\$37
New	Transit Planning Program	2003 - 2009 Implementation		\$0
	Bus Stop Improvements -This project funds the upgrade of bus stop sites to meet both the federally-mandated Americans with Disabilities Act (ADA) requirements and the operational needs. Typical improvements include bus shelters, benches, trash receptacles, landscaping, grading, paving, utility relocations, lighting, curb adjustments, drainage, constructing paths, and construction/reconstruction of turnouts.	2003 - 2009 Implementation	NA	\$1,010
	Preventive Maintenance / Capital Maintenance - FTA (Federal Transit Administration) allows grantees to use capital funds for overhauls and preventative maintenance. FTA assistance for these items is based on a percentage of annual vehicle maintenance costs (up to 20%).	2003 - 2009 Implementation	NA	\$588
	Fleet Improvement - This project funds improvements to existing transit and paratransit fleets. Typical projects include a ticket reader and issue attachment, which issues passenger passes on the bus; security systems; transit/signal improvements for headway enhancements; mobile display terminals; and vehicle communications and locations systems.	2003 - 2009 Implementation	NA	\$1,250
	Support Vehicles - This project funds purchase of replacement vehicles and equipment to support operation of the transit system. Typical purchases include pickup trucks, maintenance trucks with special equipment, supervisor vehicles, shift change vehicles, fork lifts, sweepers, and bus access snow removal equipment.	2002 - 2004 & 2006 Purchase	NA	\$90
	Transit Center Planning- This project would replace the existing transit center in the CBD with a new facility. Expanded services are required. The facility is expected to be a public/private partnership serving the People Mover system, as well as other transportation operators. Location to be determined. Construction is programmed for CMAQ funding after 2006.	2003 - PE 2004 - D	NA	\$350
	Paratransit Vehicles / Major Maintenance Equipment - This project funds the fleet expansion and replacement for the AnchorRIDES paratransit service and the Vanpool program. Major maintenance funding for these vehicles is provided for the most efficient use of this equipment.	2003 - 2009 Implementation	NA	\$940

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**Draft Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2004-2006 TIP (January 2003)**

PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)	
		1001 - 0903	2003
Automated Operating System / AnchorRIDES/ People Mover - The project improves the system by collecting real-time vehicle location information and further automating the scheduling/dispatch functions that will substantially improve the system. This project automates the operation of the fixed route buses including vehicle location and operating characteristics, customer real-time information, passenger counting equipment and improved management reporting capability.	2002, 2004 & 2006-09 Implementation	NA	\$0
ADA Complementary Paratransit Services - Costs associated with ADA paratransit programs are eligible for this funding. The project funds the ADA paratransit eligibility process with a transportation skills assessment and a travel training program for people who could benefit from individualized instruction regarding how to independently ride People Mover buses.	2008 - 2009 Purchase	NA	\$242
Management Information Systems - This project funds information systems necessary for efficient management of the public transportation system. Typical projects include: Geographic Information Systems (GIS) capabilities, upgrades to the automated maintenance system, refueling, and inventory system; a new computerized dispatch system; and upgrades to the scheduling/run-cutting process, customer information and telephone communications system, and desktop computers.	2008 - 2009 Implementation	NA	\$320
subtotal FTA Section 5307 Transit funding to the MOA		\$1,112	\$4,827
Alaska Railroad - FTA Section 5307 Funds			
Anchorage Railroad Depot Improvements (Sec 5307) - Projects to improvements the passenger service area and roof drains at the Anchorage Depot, sidewalks, lighting, landscaping and other pedestrian amenities.	2001 - 2002 Implementation	\$0	\$0
1% Transit Security on the Alaska Railroad Corporation projects (Sec 5307)	2001 - 2006 Appropriation	NA	\$50
Construct Passenger Maintenance Facility (Sec 5307) with accessories equipment and services and related track.	2005 - 2006 Implementation	NA	\$0
subtotal FTA Section 5307 Transit funding to Railroad			\$50
Alaska Railroad - FTA Section 5309 (Fixed Guideway) Funds			
South Anchorage Double Track - Phase II, (Campbell Creek Bridge and CTC) (Sec 5309 Fixed Guideway) - The Alaska Railroad Corporation is expanding its track with an additional rail line next to ARRC's main line in locations between the Wasilla and Girdwood.	2002-2004 Implementation		\$0
Ship Creek Pedestrian Trail Construction (Sec 5309 - Fixed guideway) funds will assist the Municipality of Anchorage in constructing a portion of the Ship Creek Trail through ARRC's main railyard. Project will most likely be an underpass, with associated safety fencing.	2003 Implementation		\$0

Funding moved to '04 and '05

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Draft Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS ppv 2004-2006 TIP (January 2003)

	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)	
			1001 - 0903	2003
		Carryover		
	Rail Capacity Improvements MP114-MP110 (Sec 5309 Fixed Guideway) - The Alaska Railroad Corporation is expanding its track with an additional rail line next to ARRC's main line in locations throughout the Wasilla - Girdwood operating area; specific project in 2002 -2003 will be MP114 to MP110 which includes switches at Anchorage International Airport "we". This project will include environmental analysis, design, construction and rehabilitation of track and bridge structures and signaling systems	2002 - 2006 Implementation		\$0
few	Passenger facilities, equipment and safety improvements (Sec 5309 Fixed Guideway) - These funds will be used for a variety of projects including wayside track improvements, track rehabilitation, facility improvements, rehabilitation or purchase of passenger cars or power cars	2004 - 2009 Implementation		\$1,300
few	Rail Capacity Improvements MP114-MP110 - Phase II (Sec 5309 Fixed Guideway) - The Alaska Railroad Corporation is expanding its track with an additional rail line next to ARRC's main line in locations throughout the Wasilla - Girdwood operating area; This next phase will engineer, design and construct a new double-track bridge across Ship Creek in the Anchorage yard.	2007 - 2009 Implementation		\$0
table	Locomotive Fueling Facility (Sec 5309 Fixed Guideway) - These funds engineer, design and construct a new efficient, environmentally safe "one-stop" fueling station in the Anchorage Yard	2007 - 2009 Implementation		\$0
new	Anchorage Yard Improvements for Passenger Operations (Sec 5309 Fixed Guideway) This program will install safety devices, improve tracks, switches, leads and other upgrades and rehabilitation to support increased passenger operations.	2007-2009 Implementation		\$0
	subtotal FTA Section 5309 (Fixed Guideway) funding to Railroad			\$1,300

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**Draft Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2004-2006 TIP (January 2003)**

	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)	
			2002 - 2003	2003
			Carryover	
	Alaska Railroad - FTA Section 5309 (New Start) Funds			
	Girdwood to Wasilla Commuter Rail Project (Sec 5309 New Start) - Alaska Railroad Corporation will straighten and re-align, signalize, add power switches and add additional track between MP 75, Girdwood and MP 158.6, Wasilla. Project includes construction and rehabilitation of track and bridge structures as necessary. This project contains three independent segments that are described below (see 17a, 17b, and 17c).	2001 - 2006 Implementation		\$0
	1) MP105 -MP111- Klatt Road to Spenard Builders Supply in Anchorage Phase 1. (Sec 5309 New Start). South Anchorage Double Track. FY00 appropriation of \$5,621,840.00 awarded September 2001			\$0
	2) MP127 - MP146- Eagle River to Knik River. (Sec 5309 New Start)			\$12,505
	3) MP146-MP158.6- Knik River to Wasilla. (Sec 5309 New Start). This is a segment of the larger project outside of the AMATS boundaries. FY00 appropriation of \$4,188,947 and FY01 appropriation of \$4,855,196 (total \$9,044,144.00) is in the grant process and is expected to be awarded in late CY2002 or early CY2003			\$0
	subtotal FTA Section 5309 (New Start) funding to Railroad			\$12,505
	Alaska Railroad - FTA Section 5309 (Earmark) Funds			
	Ship Creek Intermodal Facility (5309 "Earmark") Development of a transportation hub (bus, rail, parking, pedestrian services located in the Ship Creek Area. <i>Funding shown in the 2004-06 program years is estimated and shown for illustrative purposes.</i>	2001 - 2006 Implementation		\$8,000
	Ted Stevens Anchorage International Airport Rail Station (Sec 5309 - Earmark) - Continued development of rail station at airport including buildings, track, signals, pedestrian services and amenities. <i>Funding shown in the 2004-06 program years is estimated and shown for illustrative purposes.</i>	2003 Implementation		\$2,500
	Construct Passenger Maintenance Facility (Sec 5309 - Earmark) with accessories, equipment and services and related track. <i>Funding shown in the 2004-06 program years is estimated and shown for illustrative purposes.</i>	2005 - 2006 Implementation	NA	\$0
	subtotal FTA Section 5309 (Earmark) funding to Railroad			\$7,500
	subtotal FTA Sections 5307 & 5309 Transit funding to ARRC			\$21,355

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**Draft Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2004-2006 TIP (January 2003)**

	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)	
			1801 - 0901	2003
	Municipality of Anchorage - FHWA/STP [CMAQ, Table 5] funds (projects are duplicated here to illustrate entire transit program)			
	Anchorage Ridesharing/Transit Marketing - This project funds the operation of the Municipal Share-A-Ride program which promotes, coordinates, and operates an area-wide commuter matching service and a van pool program, and a comprehensive public transportation marketing effort.	2004 - 2009 Programming	NA	\$578
	Transit Centers - this project supports an on-going effort to provide major transit facilities at town centers and major destinations. The Anchorage 2020 / Anchorage Bowl Comprehensive Plan, identified a network of Town Centers intended to function as focal points for community activities with a mix of retail, residential, and public services and facilities, and with pedestrian connections to surrounding neighborhoods and transit.	2004-Construct 2005-Construct	N A	\$0
	Transit Operations Expansion - his three-year demonstration project provides funding for expansion of the People Mover bus system. Improvements include expansion to new areas, implementation of community connector service to serve low density housing, supporting town centers, and implementing memory headways.	2001- 2006 Fleet Expansion	NA	\$1,470
	Winter CO Season Free Bus Service - this three-year project provides full subsidy to commuters through their employers during the winter CO season (November 1 - February 28). This program is intended to increase transit ridership in winter months and complements current efforts to promote air quality awareness in the business community. (partially funded in FFY 1999 and 2000)	2004 - 2006 Implementation	NA	\$0
	Transit Fleet Expansion/Replacement - This project funds three buses annually for expansion of the People Mover system, and replacement of transit buses. Buses have a 12-year useful life cycle. Funding in 2004 starts the two-year procurement process for replacement buses that will be put into service in 2007.	2004 - 2006 Fleet Expansion	N A	\$0
	Youth Employment Program or Transit Stop and Trail Accessibility - This program hires young people (16-21 years old) to improve the safety, usability, and appearance of bus stops. Typical activities include minor construction projects, installation or transit furnishing, clearing and grubbing of landscaping, watering, planting, and snow and ice removal. Youth receiving valuable training in the use of construction equipment to include: snow throwers, weed-wackers, compactors, concrete drills, brick saws, and jack hammers; they learn construction methods, safety, and utility locates prior to construction; landscaping planting and maintenance methods, etc.	2001- 2006 Implementation	NA	\$142
	Automated Operating System / People Mover - This project includes vehicle location and operating characteristics, customer real-time information, passenger counting equipment, and improved management reporting capability.	2003- Implementation	NA	\$2,520
	New Eastside Area Anchorage Transit Center - See New Project #5 - Table 5	2004 - C N	A	\$0
	<u>subtotal FHWA/CMAQ Transit funding</u>			\$4,710
	Total Transit Program (FTA {5307+5309} + FHWA {CMAQ})			\$30,892

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DraftTable 9. NATIONAL HIGHWAY SYSTEM IMPROVEMENTS
Outside AMATS, Within the Municipality of Anchorage
AMATS FFY 2004-2006 TIP (January 2003)

for information only, no approval required

	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR , (\$,000)	
			2002-2003	2003
a	Whittier Maintenance and Operations - Federal-aid eligible portion of Whittier tunnel and approaches, maintenance and operations performed by contractor prior to turnover to ADOT&PF.	2001-2006 - Construction	\$2,000	
b	Seward Highway MP 75 - 90 [Ingram Creek + Girdwood Road and Bridge Rehabilitation] - Rehabilitate pavement and rehabilitate or replace the following bridges: Placer Creek #0627 & 0629, Portage Creek #0630 and 0631, 20 Mile River #0634, Peterson Creek #0636, Virgin Creek #0638, and Glacier Creek #0639. Provide grade separation of railroad crossing near the intersection of Portage Valley Road and the Seward Highway. Construct passing lanes and a separated trail	2003 - Design 2004 - Design 2006 - ROW	\$1,300	
c	Seward Highway MP 99 - 104 [Bird & Indian Bypass] - Design and construct the relocation of Seward Highway to bypass the communities of Bird and Indian. Project includes passing lanes and bicycle/pedestrian trail. This is a segment of the Seward Highway Passing Lanes project.	2002 - Design 2005 - Utility 2006 - Construction	\$1,500	
d	Seward Highway MP 104 - 115 [Indian to Potter, Passing Lanes] - Design and construct passing lanes and a bicycle/pedestrian trail between Indian and Potter Marsh. Includes the Windy Corner project to expand and improve the existing pullout and to add (pedestrian) wildlife viewing, interpretation, and landscaping. This is a segment of the Seward Highway Passing Lanes project.	2002 - Design 2003 - Utility & Construction 2004 - Construction	\$7,000	
	The contingency list of projected for each year will consist of the following year's projects.	ANNUAL TOTALS	\$11,800	

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Draft Table 10 2004-2006 TIP, Pavement Replacement Program (see Table 3, Project 9)

2004-2006 TIP, Pavement Replacement Projects, {see Table 3, Project 9}			
Priority	Project Location	Project Phasing	2003
1	Lake Otis Parkway Pavement Replacement - DeBarr Road to Northern Lights Boulevard. PE/Design funding proposed with local bonds.	2003-Construct	\$1,400
2	9th Avenue Pavement Replacement - L Street to Ingra Street. PE/Design funding proposed with local bonds.	2004-Construct	\$0
3	Bragaw Street Pavement Replacement - Glenn Highway to Debarr Road. PE/Design funding proposed with local bonds.	2004-Construct	\$0
4	Arctic Boulevard Pavement Replacement - Fireweed Lane to Tudor Road	2005-Construct	\$0
5	Lake Otis Parkway Pavement Replacement - 68th Avenue to Abbott Road	2006-Construct	\$0
6	Arctic Boulevard Pavement Replacement - Tudor Road to Raspberry	2007-Construct	\$0
	New Pavement Program - Placeholder	2007-09 Program Years	\$0
	Pavement Replacement Annual Totals shown in Table 3		\$1,400

* PE/Design funding proposed with local bonds.

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Draft Table 11

2004-2006 TIP, Highway Safety Improvement Program (HSIP) , {see Tables 3 Project 5}

2004-2006 TIP, Highway Safety Improvement Projects (HSIP) {see Table 3}			
Priority	Project	Project Phasing	2003
1	Old Seward Highway @ 48th Avenue Channelization Improvements (Non-NHS)	2003-PE/Design 2004-Construct	\$36
2	Northern Lights Boulevard @ Bragaw Street Channelization Improvements (Non-NHS)	2003-PE/Design 2004-Construct	\$35
3	10th Avenue @ E Street & C Street Channelization Improvements (Non-NHS)	2003-PE/D 2004 -Construct	\$70
4	Lake Otis Parkway @ 68th Avenue Channelization Improvements (Non-NHS)	2003-PE/D/Util 2004-Construct	\$181
5	Tudor Road @ Folker Street Channelization Improvements (NHS)	2003-PE/Design 2004-ROW/Construct	\$123
6	L Street: 5th Avenue to 13th Avenue Channelization Improvements (NHS)	2003-PE/Design 2004-Construct	\$83
7	13th Avenue @ Gambell Street Channelization Improvements (NHS)	2003-PE/D/Util 2004-ROW/Construct	\$113
8	Safety Database System - This system would house accident information, volume data and statistical traffic figures to be used to improve safety with the MOA.	2003 - Purchase	\$400
9	Old Seward Highway and 100th Avenue Intersection Safety Improvements	2004-Design 2006 Construct	\$0
10	On-Street Sign Inventory	2004 - Implement	\$0
	Placeholder for program funding	2005-2006 Program Years	\$0
	HSIP Annual Totals shown in Table 3		\$1,041

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